

Table J2. - Chemical Properties of the Soils

King William County, Virginia

Absence of an entry indicates that data were not estimated.

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
1A:								
Altavista	0-16	2.9-10	2.2-7.7	3.6 - 6.5	---	---	---	---
	16-40	6.3-13	4.7-10	3.6 - 6.0	---	---	---	---
	40-65	0.7-8.1	0.5-6.1	3.6 - 6.0	---	---	---	---
Tomotley	---	---	---	---	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
State	---	---	---	---	---	---	---	---
1B:								
Altavista	0-16	2.9-12	2.2-9.0	3.6 - 6.5	---	---	---	---
	16-40	6.3-13	4.7-10	3.6 - 6.0	---	---	---	---
	40-65	0.7-8.1	0.5-6.1	3.6 - 6.0	---	---	---	---
Tomotley	---	---	---	---	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
State	---	---	---	---	---	---	---	---
2A:								
Bama	0-13	2.9-7.8	2.2-5.8	4.5 - 6.0	---	---	---	---
	13-37	4.5-9.1	3.4-6.8	4.5 - 5.5	---	---	---	---
	37-70	5.0-9.9	3.8-7.4	4.5 - 5.5	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Eulonia	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---
2B:								
Bama	0-13	2.9-7.8	2.2-5.8	4.5 - 6.0	---	---	---	---
	13-37	4.5-9.1	3.4-6.8	4.5 - 5.5	---	---	---	---
	37-70	5.0-9.9	3.8-7.4	4.5 - 5.5	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
2B:								
Emporia	---	---	---	---	---	---	---	---
Eulonia	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---
3A:								
Bibb	0-15	1.6-7.5	1.2-5.6	3.6 - 5.5	---	---	---	---
	15-65	1.6-6.8	1.2-5.1	3.6 - 5.5	---	---	---	---
Kinston	0-8	5.8-16	4.3-12	4.5 - 6.0	---	---	---	---
	8-43	4.5-13	3.4-9.9	4.5 - 5.5	---	---	---	---
	43-65	0.5-7.2	0.4-5.4	4.5 - 5.5	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
4A:								
Bohicket	0-8	22-77	16-58	6.1 - 8.4	---	---	8.0-16.0	40-55
	8-65	24-66	18-50	6.1 - 8.4	---	---	8.0-16.0	45-55
Lanexa	---	---	---	---	---	---	---	---
Mattan	---	---	---	---	---	---	---	---
Wehadkee	---	---	---	---	---	---	---	---
5A:								
Bojac	0-6	2.2-5.0	1.6-3.8	3.6 - 6.5	---	---	---	---
	6-40	3.9-6.7	2.9-5.0	3.6 - 6.5	---	---	---	---
	40-65	0.3-3.2	0.3-2.4	4.5 - 6.0	---	---	---	---
Tomotley	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Tarboro	---	---	---	---	---	---	---	---
6A:								
Bojac	0-6	2.2-7.3	1.6-5.5	3.6 - 6.5	---	---	---	---
	6-40	3.9-6.7	2.9-5.0	3.6 - 6.5	---	---	---	---
	40-65	0.3-3.9	0.3-2.9	4.5 - 6.0	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
6A:								
Tomotley	---	---	---	---	---	---	---	---
Conetoe	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Seabrook	---	---	---	---	---	---	---	---
State	---	---	---	---	---	---	---	---
Tarboro	---	---	---	---	---	---	---	---
6B:								
Bojac	0-6	2.2-7.3	1.6-5.5	3.6 - 6.5	---	---	---	---
	6-40	3.9-6.7	2.9-5.0	3.6 - 6.5	---	---	---	---
	40-65	0.3-3.9	0.3-2.9	4.5 - 6.0	---	---	---	---
Tomotley	---	---	---	---	---	---	---	---
Conetoe	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Seabrook	---	---	---	---	---	---	---	---
State	---	---	---	---	---	---	---	---
Tarboro	---	---	---	---	---	---	---	---
7A:								
Catpoint	0-5	1.1-3.5	0.8-2.6	4.5 - 6.5	---	---	---	---
	5-49	0.0-3.0	0.0-2.2	4.5 - 6.5	---	---	---	---
	49-72	0.0-3.0	0.0-2.2	4.5 - 6.5	---	---	---	---
Osier	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---
Kenansville	---	---	---	---	---	---	---	---
Pactolus	---	---	---	---	---	---	---	---
8A:								
Conetoe	0-29	1.8-8.0	1.4-6.0	4.5 - 6.0	---	---	---	---
	29-52	3.5-8.8	2.6-6.6	4.5 - 6.0	---	---	---	---
	52-80	0.7-4.6	0.5-3.5	4.5 - 6.0	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
8A:								
Bojac	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Seabrook	---	---	---	---	---	---	---	---
Tarboro	---	---	---	---	---	---	---	---
9A:								
Daleville	0-5	3.6-9.5	2.7-7.1	4.5 - 6.5	---	---	---	---
	5-65	5.0-9.9	3.8-7.4	4.5 - 5.5	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Eulonia	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
10A:								
Emporia	0-16	2.9-9.0	2.2-6.8	4.5 - 6.0	---	---	---	---
	16-45	4.5-9.9	3.4-7.4	4.5 - 6.0	---	---	---	---
	45-55	5.2-11	3.9-8.3	4.5 - 6.0	---	---	---	---
	55-80	1.2-11	0.9-8.3	4.5 - 6.0	---	---	---	---
Bama	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---
Uchee	---	---	---	---	---	---	---	---
10B:								
Emporia	0-16	2.9-9.0	2.2-6.8	4.5 - 6.0	---	---	---	---
	16-45	4.5-9.9	3.4-7.4	4.5 - 6.0	---	---	---	---
	45-55	5.2-11	3.9-8.3	4.5 - 6.0	---	---	---	---
	55-80	1.2-11	0.9-8.3	4.5 - 6.0	---	---	---	---
Bama	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
10B:								
Suffolk	---	---	---	---	---	---	---	---
Uchee	---	---	---	---	---	---	---	---
11A:								
Eulonia	0-7	2.4-9.5	1.8-7.1	4.5 - 6.5	---	---	---	---
	7-31	8.8-12	6.6-9.3	4.5 - 6.5	---	---	---	---
	31-60	5.0-12	3.8-9.3	4.5 - 6.0	---	---	---	---
	60-75	2.5-11	1.9-8.3	4.5 - 6.0	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Daleville	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
11B:								
Eulonia	0-7	2.4-9.5	1.8-7.1	4.5 - 6.5	---	---	---	---
	7-31	8.8-12	6.6-9.3	4.5 - 6.5	---	---	---	---
	31-60	5.0-12	3.8-9.3	4.5 - 6.0	---	---	---	---
	60-75	2.5-11	1.9-8.3	4.5 - 6.0	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Daleville	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
12A:								
Eunola	0-10	3.6-9.5	2.7-7.1	4.5 - 5.5	---	---	---	---
	10-55	5.0-11	3.7-8.2	4.5 - 5.5	---	---	---	---
	55-65	2.0-7.4	1.5-5.5	4.5 - 5.5	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
12B:								
Eunola	0-10	3.6-9.5	2.7-7.1	4.5 - 5.5	---	---	---	---
	10-55	5.0-11	3.7-8.2	4.5 - 5.5	---	---	---	---
	55-65	2.0-7.4	1.5-5.5	4.5 - 5.5	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---
13A:								
Kempsville	0-18	2.4-8.2	1.8-6.2	4.5 - 6.0	---	---	---	---
	18-36	3.0-7.1	2.2-5.3	4.5 - 6.0	---	---	---	---
	36-80	4.5-9.9	3.4-7.4	4.5 - 6.0	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---
13B:								
Kempsville	0-18	2.4-8.2	1.8-6.2	4.5 - 6.0	---	---	---	---
	18-36	3.0-7.1	2.2-5.3	4.5 - 6.0	---	---	---	---
	36-80	4.5-9.9	3.4-7.4	4.5 - 6.0	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---
14A:								
Kenansville	0-34	1.9-7.0	1.4-5.2	4.5 - 6.0	---	---	---	---
	34-45	1.2-5.0	0.9-3.7	4.5 - 6.0	---	---	---	---
	45-70	0.2-3.0	0.2-2.2	4.5 - 6.0	---	---	---	---
Catpoint	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---
Pactolus	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
14A:								
Suffolk	---	---	---	---	---	---	---	---
15A:								
Lanexa	0-26	34-67	26-50	3.5 - 5.5	---	---	4.0-8.0	---
	26-48	45-150	34-112	3.5 - 5.5	---	---	2.0-4.0	---
	48-80	39-70	29-53	3.5 - 5.5	---	---	0.0-2.0	---
Bohicket	---	---	---	---	---	---	---	---
Mattan	---	---	---	---	---	---	---	---
Wehadkee	---	---	---	---	---	---	---	---
16A:								
Mattan	0-14	31-57	23-43	3.5 - 6.0	---	---	2.0-4.0	---
	14-40	46-139	34-104	3.5 - 6.0	---	---	0.0-2.0	---
	40-80	9.0-35	6.0-26	3.5 - 6.0	---	---	0.0-2.0	---
Lanexa	---	---	---	---	---	---	---	---
Wehadkee	---	---	---	---	---	---	---	---
17A:								
Munden	0-13	2.2-5.8	1.6-4.3	4.5 - 6.0	---	---	---	---
	13-44	2.8-6.8	2.1-5.1	4.5 - 6.0	---	---	---	---
	44-60	0.7-4.7	0.5-3.5	4.5 - 6.0	---	---	---	---
Tomotley	---	---	---	---	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Conetoe	---	---	---	---	---	---	---	---
Seabrook	---	---	---	---	---	---	---	---
Tarboro	---	---	---	---	---	---	---	---
18A:								
Myatt	0-17	3.6-15	2.7-11	4.5 - 6.0	---	---	---	---
	17-40	4.5-11	3.4-8.2	3.6 - 5.5	---	---	---	---
	40-65	0.5-8.6	0.4-6.5	3.6 - 5.5	---	---	---	---
Daleville	---	---	---	---	---	---	---	---
Osier	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
18A:								
Eunola	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
19A:								
Nansemond	0-16	2.1-4.8	1.6-3.6	3.6 - 5.5	---	---	---	---
	16-42	2.5-5.0	1.9-3.7	3.6 - 5.5	---	---	---	---
	42-60	0.5-3.5	0.4-2.6	3.6 - 5.5	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Osier	---	---	---	---	---	---	---	---
Catpoint	---	---	---	---	---	---	---	---
Eunola	---	---	---	---	---	---	---	---
Pactolus	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---
20A:								
Osier	0-7	2.8-14	2.1-10	3.6 - 6.0	---	---	---	---
	7-30	0.5-3.6	0.4-2.7	3.6 - 6.0	---	---	---	---
	30-60	0.5-3.6	0.4-2.7	3.6 - 6.0	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---
Pactolus	---	---	---	---	---	---	---	---
21A:								
Pactolus	0-33	1.8-8.7	1.4-6.5	3.6 - 5.5	---	---	---	---
	33-60	0.7-4.7	0.5-3.5	3.6 - 5.5	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Osier	---	---	---	---	---	---	---	---
Catpoint	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
21A:								
22D:								
Remlik	0-22	1.1-4.8	0.8-3.6	3.6 - 6.0	---	---	---	---
	22-70	2.0-8.6	1.5-6.5	3.6 - 6.0	---	---	---	---
Nevarc	0-6	3.1-9.0	2.3-6.8	3.6 - 6.0	---	---	---	---
	6-40	8.8-15	6.6-11	3.6 - 6.0	---	---	---	---
	40-60	1.2-14	0.9-10	3.6 - 6.0	---	---	---	---
Bibb	---	---	---	---	---	---	---	---
Kinston	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---
22F:								
Remlik	0-22	1.1-4.8	0.8-3.6	3.6 - 6.0	---	---	---	---
	22-70	2.0-8.6	1.5-6.5	3.6 - 6.0	---	---	---	---
Nevarc	0-6	3.1-9.0	2.3-6.8	3.6 - 6.0	---	---	---	---
	6-40	8.8-15	6.6-11	3.6 - 6.0	---	---	---	---
	40-60	1.2-14	0.9-10	3.6 - 6.0	---	---	---	---
Bibb	---	---	---	---	---	---	---	---
Kinston	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Rumford	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---
23A:								
Riverview	0-12	2.2-8.0	1.6-6.0	4.5 - 6.5	---	---	---	---
	12-65	7.4-15	5.6-11	4.5 - 6.0	---	---	---	---
Mattan	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
23A:								
Wehadkee	---	---	---	---	---	---	---	---
24A:								
Roanoke	0-12	4.6-14	3.5-11	3.6 - 5.5	---	---	---	---
	12-23	7.0-13	5.2-10	3.6 - 5.5	---	---	---	---
	23-46	12-22	9.2-17	3.6 - 5.5	---	---	---	---
	46-65	1.8-19	1.3-14	3.6 - 6.5	---	---	---	---
Tomotley	---	---	---	---	---	---	---	---
Altavista	---	---	---	---	---	---	---	---
Seabrook	---	---	---	---	---	---	---	---
25A:								
Seabrook	0-4	1.8-8.7	1.4-6.5	4.5 - 6.5	---	---	---	---
	4-41	0.7-5.3	0.5-4.0	4.5 - 6.5	---	---	---	---
	41-72	0.7-5.3	0.5-4.0	4.5 - 6.5	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Conetoe	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Tarboro	---	---	---	---	---	---	---	---
26A:								
Slagle	0-14	3.6-11	2.7-8.4	3.6 - 5.5	---	---	---	---
	14-34	3.0-9.9	2.2-7.4	3.6 - 5.5	---	---	---	---
	34-62	4.5-12	3.4-9.3	3.6 - 5.5	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Eulonia	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---

26B:

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
26B:								
Slagle	0-14	3.6-11	2.7-8.4	3.6 - 5.5	---	---	---	---
	14-34	3.0-9.9	2.2-7.4	3.6 - 5.5	---	---	---	---
	34-62	4.5-12	3.4-9.3	3.6 - 5.5	---	---	---	---
Myatt	---	---	---	---	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Eulonia	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Suffolk	---	---	---	---	---	---	---	---
27A:								
State	0-13	1.8-7.5	1.4-5.6	3.6 - 5.5	---	---	---	---
	13-50	6.3-13	4.7-9.8	3.6 - 5.5	---	---	---	---
	50-65	0.7-6.4	0.5-4.8	3.6 - 6.5	---	---	---	---
Tomotley	---	---	---	---	---	---	---	---
Altavista	---	---	---	---	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Wickham	---	---	---	---	---	---	---	---
27B:								
State	0-13	1.8-7.5	1.4-5.6	3.6 - 5.5	---	---	---	---
	13-50	6.3-13	4.7-9.8	3.6 - 5.5	---	---	---	---
	50-65	0.7-6.4	0.5-4.8	3.6 - 6.5	---	---	---	---
Tomotley	---	---	---	---	---	---	---	---
Altavista	---	---	---	---	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Wickham	---	---	---	---	---	---	---	---

28A:

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
28A:								
Suffolk	0-10	2.1-4.8	1.6-3.6	3.6 - 6.0	---	---	---	---
	10-38	2.5-9.4	1.9-7.0	3.6 - 6.0	---	---	---	---
	38-65	1.0-3.6	0.8-2.7	3.6 - 6.0	---	---	---	---
Rumford	0-15	2.6-8.2	2.0-6.2	3.6 - 5.5	---	---	---	---
	15-30	2.0-7.4	1.5-5.5	3.6 - 6.0	---	---	---	---
	30-65	0.5-7.4	0.4-5.5	3.6 - 6.5	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
28B:								
Suffolk	0-10	2.1-4.8	1.6-3.6	3.6 - 6.0	---	---	---	---
	10-38	2.5-9.4	1.9-7.0	3.6 - 6.0	---	---	---	---
	38-65	1.0-3.6	0.8-2.7	3.6 - 6.0	---	---	---	---
Rumford	0-15	2.6-8.2	2.0-6.2	3.6 - 5.5	---	---	---	---
	15-30	2.0-7.4	1.5-5.5	3.6 - 6.0	---	---	---	---
	30-65	0.5-7.4	0.4-5.5	3.6 - 6.5	---	---	---	---
Emporia	---	---	---	---	---	---	---	---
Kempsville	---	---	---	---	---	---	---	---
Nansemond	---	---	---	---	---	---	---	---
Slagle	---	---	---	---	---	---	---	---
29B:								
Tarboro	0-9	2.2-6.5	1.6-4.8	4.5 - 6.5	---	---	---	---
	9-80	0.7-2.9	0.5-2.2	4.5 - 6.5	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Conetoe	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Seabrook	---	---	---	---	---	---	---	---

29D:

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
29D:								
Tarboro	0-9	2.2-6.5	1.6-4.8	4.5 - 6.5	---	---	---	---
	9-80	0.7-2.9	0.5-2.2	4.5 - 6.5	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Conetoe	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Seabrook	---	---	---	---	---	---	---	---
29F:								
Tarboro	0-9	2.2-6.5	1.6-4.8	4.5 - 6.5	---	---	---	---
	9-80	0.7-2.9	0.5-2.2	4.5 - 6.5	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Conetoe	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Seabrook	---	---	---	---	---	---	---	---
30A:								
Tomotley	0-17	4.0-21	3.0-15	3.6 - 5.5	---	---	---	---
	17-52	7.4-15	5.6-11	3.6 - 5.5	---	---	---	---
	52-65	3.5-17	2.6-13	3.6 - 6.0	---	---	---	---
Roanoke	---	---	---	---	---	---	---	---
Altavista	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
Seabrook	---	---	---	---	---	---	---	---
31B:								
Udorthents	---	---	---	---	---	---	---	---
32A:								
Wehadkee	0-10	6.2-18	4.7-14	4.5 - 6.5	---	---	---	---
	10-44	5.2-15	3.9-11	4.5 - 6.5	---	---	---	---
	44-70	0.7-15	0.5-11	4.5 - 6.5	---	---	---	---
Mattan	---	---	---	---	---	---	---	---

Table J2. - Chemical Properties of the Soils - Continued

King William County, Virginia

Map Symbol and Soil Name	Depth	Cation Exchange Capacity	Effective Cation Exchange Capacity	Soil Reaction	Calcium Carbon- ate	Gypsum	Salinity	Sodium Adsorp- tion Ratio
	In	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
32A:								
Riverview	---	---	---	---	---	---	---	---
33A:								
Wickham	0-15	2.5-5.8	1.9-4.3	4.5 - 6.0	---	---	---	---
	15-37	6.3-13	4.7-10	4.5 - 6.0	---	---	---	---
	37-70	0.7-12	0.5-8.7	4.5 - 6.0	---	---	---	---
Altavista	---	---	---	---	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
State	---	---	---	---	---	---	---	---
33B:								
Wickham	0-15	2.5-5.8	1.9-4.3	4.5 - 6.0	---	---	---	---
	15-37	6.3-13	4.7-10	4.5 - 6.0	---	---	---	---
	37-70	0.7-12	0.5-8.7	4.5 - 6.0	---	---	---	---
Altavista	---	---	---	---	---	---	---	---
Bojac	---	---	---	---	---	---	---	---
Munden	---	---	---	---	---	---	---	---
State	---	---	---	---	---	---	---	---
W:								
Water	---	---	---	---	---	---	---	---